



FORM PTO-1449 (Rev. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 567.1009		SERIAL NO.: 10/539,850		
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT(S): Brian Neil ZEILER				
				FILING DATE: November 18, 2005		GROUP: 1845		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA							
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER		DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
								YES NO
	AB							
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
J.T	AC	Axelrod VD, Brown E, Priano C, Mills DR, "Coliphage Q β RNA Replication: RNA Catalytic for Single-Strand Release," Virology; 184 (2): 595-608 (Oct 1991)						
" "	AD	Grosshans, H and Slack, FJ. , "Micro-RNAs: Small is Plentiful," The Journal of Cell Biology, 156 (1) : 17-21 (2002)						
" "	AE	Biebricher CK, Eigen M, Gardiner WC Jr., "Kinetics of RNA Replication," Biochemistry, 22 (10): 2544-59 (1983 May 10)						
" "	AF	Brantl S., "Antisense-RNA Regulation and RNA Interference," Biochim Biophys Acta. 3; 1575 (1-3): 15-25 (2002)						
" "	AG	Elbashir, S. M., Lendeckel, W. , and Tuschl, T., "RNA Interference is Mediated by 21 and 22-nucleotide RNAs," Genes and Development, 15: 188-200 (2000).						
" "	AH	Hutvagner G, Zamore PD., "A MicroRNA in a Multiple-Turnover RNAi Enzyme Complex," Science , Vol. 297, pp.2056-2060 (2002)						
" "	AI	Lamontagne B, Larose S, Boulanger J, Elela SA, "The RNase III Family: a Conserved Structure and Expanding Functions in Eukaryotic dsRNA Metabolism," Curr Issues Mol Biol. 3 (4): 71-8 (2001)						
" "	AJ	Lindenbach BD, and Rice CM, "RNAi Targeting an Animal Virus: News from the Front," Mol Cell. 9 (5): 925-7 (2002)						
" "	AK	Maine, E. M., "RNAi as a Tool for Understanding Germline Development in Caenorhabditis elegans: Uses and Cautions," Dev Biol 239; 177-89 (2001)						
" "	AL	Ullu E, Djikeng A, Shi H, and Tschudi C, "RNA Interference: Advances and Questions," Philos Trans R Soc Lond B Biol Sci. 29; 357 (1417): 65-70 (2002)						
	AM							
	AN							
	AO							
	AP							
	AQ							
EXAMINER		<i>Joyce Tu</i>			DATE CONSIDERED			<i>11/22/07</i>
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

FORM PTOL 449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.: 567.1009

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LIST OF PRIOR ART CITED BY APPLICANT

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APPLICANT(S): Brian Neil ZEILER

FILING DATE: November 18, 2005

GROUP: 1642

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J.T.	BA	5	6	2	0	8	5	1		04/15/1997	Axelrod et al.	—	—	—
J.T.	BB	5	6	3	7	4	5	9		06/10/1997	Burke et al.	—	—	—
	BC													
	BD													
	BE													
	BF													
	BG													

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
														YES	NO
J.W.	BH	9	4	1	6	1	0	6		07/21/1994	WO	—	—	✓	
	BI														
	BJ														
	BK														
	BL														

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

J.W.	BM	Lizardi P.M. et al.; "Exponential Amplification of Nucleic Acids: New Diagnostics Using DNA Polymerases and RNA Replicases," Trends in Biotechnology, Elsevier Publications, Cambridge, GB, Vol. 9, No. 2, February 1, 1991												
J.W.	BN	Luo G. Et al.; "De Novo Initiation of RNA Synthesis by the RNA-dependent RNA polymerase (NS5B) of Hepatitis C November 18, 2005Virus," Journal of Virology, The American Society for Microbiology, U.S., vol. 74, no. 2, January 2, 2000												
J.W.	BO	Sun X. et al.; "De Novo RNA Synthesis Catalyzed by HCV RNA-dependent RNA Polymerase," Biochemical and Biophysical Research Communications, Academic Press Inc., Orlando, FL, US, vol. 268, pages 798-803, February 2000												
	BP													
	BQ													
	BR													
	BS													

EXAMINER

Jorge W.

DATE CONSIDERED

11/22/07

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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.: 567.1009		SERIAL NO.: To Be Assigned 10/539850	
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)				APPLICANT(S): Brian Neil ZEILER			
				FILING DATE: Herewith		GROUP: To Be Assigned	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>ST</i> ↓	AA	5 6 2 0 8 5 1	04/15/1997	Axelrod et al.	435	6	/
	AB	5 6 3 7 4 5 9	06/10/1997	Burke et al.	435	6	/
	AC	5 7 4 4 3 0 8	04/28/1998	Guillou-Bonnici et al.	435	6	/
	AD						
	AE						
	AF						
	AG						
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						YES	NO
	AH						
	AI						
	AJ						
	AK						
	AL						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>ST</i>	AM	Agarwal et al., Microbiology and Molecular Biology Reviews, December 2003, Vol. 67(4) pp. 657-685.					
	AN						
	AO						
	AP						
	AQ						
	AR						
	AS						
EXAMINER							
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